

Global Reactive Liquid Crystal Monomers Market Growth 2026-2032

<https://marketpublishers.com/r/G6F23DE31EBCEN.html>

Date: July 2026

Pages: 87

Price: US\$ 3,660.00 (Single User License)

ID: G6F23DE31EBCEN

Abstracts

The global Reactive Liquid Crystal Monomers market size is predicted to grow from US\$ 205 million in 2025 to US\$ 372 million in 2032; it is expected to grow at a CAGR of 8.9% from 2026 to 2032.

Reactive liquid crystal monomers, commonly known as reactive mesogens, are organic functional materials that combine liquid-crystalline mesogenic structures with polymerizable functional groups. Their molecular architecture typically includes a rigid mesogenic core, flexible spacers and reactive end groups such as acrylate, methacrylate, vinyl, epoxy or cinnamate moieties. These materials can be aligned in a liquid-crystalline state and then polymerized or crosslinked by UV or thermal curing to form stable anisotropic polymer networks or optical films. They are mainly used in LCD and OLED optical compensation films, retardation films, circular polarizer structures, anti-reflection layers, polymer-stabilized liquid crystals, liquid crystal elastomers, AR/VR optical elements, smart windows and tunable optical devices.

According to our research, reactive liquid crystal monomers, more commonly called reactive mesogens, should be treated as a specialized display and optical materials segment rather than a general liquid crystal monomer market. Their core value comes from the combination of liquid-crystalline alignment and polymerizable functionality. These materials can first form an ordered anisotropic liquid-crystal structure and then be fixed by UV or thermal polymerization, enabling stable optical compensation, retardation control, anti-reflection, circular polarization and other high-performance optical film functions.

From the application perspective, the market is still mainly driven by LCD and OLED optical films, including retardation films, compensation films, circular polarizer

structures, anti-reflection layers and image-quality enhancement films. However, the application base is gradually expanding toward AR/VR optics, diffractive optical elements, smart windows, polymer-stabilized liquid crystals, liquid crystal elastomers and soft actuator materials. This means reactive mesogens should not be sized by ordinary display liquid crystal demand; they should be modeled based on RM monomers, RM mixtures, customized formulations and coating-ready materials.

From the supply side, the industry is concentrated among a small number of companies with molecular design, optical-parameter tuning, formulation and customer-qualification capabilities. Merck remains the most visible global leader in display-grade reactive mesogens. In China, Jiangsu Hecheng, Chengzhi Yonghua and emerging players such as XAGIC are important localization candidates. However, not every liquid crystal monomer company should be counted as a reactive mesogen producer. Companies that only disclose conventional liquid crystal monomers, mixed liquid crystals or downstream optical films should be classified as extended or watchlist players unless they provide clear RM, polymerizable liquid crystal or reactive mesogen product evidence.

A major industry change is the restructuring of the traditional liquid crystal materials supply chain. DIC's withdrawal from the liquid crystal materials business and the transfer of related intellectual property to Chengzhi Yonghua indicate that Chinese suppliers are becoming more important in the global display materials ecosystem. At the same time, high-end RM competition remains tied to customer qualification, intellectual property, stable optical performance, formulation know-how and coating-process compatibility rather than simple chemical synthesis capacity.

From a product-technology perspective, the key differentiation is moving from ?whether the monomer can be synthesized? to ?whether the supplier can deliver display-grade and optical-grade consistency.? Important quality factors include birefringence, mesophase temperature range, solubility, viscosity, functional-group design, polymerization shrinkage, curing behavior, alignment stability, film uniformity, residual impurity control and batch-to-batch reproducibility. For high-end optical films, RM suppliers must often provide customized molecular structures or mixtures rather than standard catalog monomers.

Looking ahead, reactive mesogens are expected to grow steadily with OLED/LCD optical film upgrades, thin and flexible displays, AR/VR optical components and non-display smart optical materials. The market will likely remain small but high-value, with strong barriers in application validation and customer-specific formulation. The most

competitive suppliers will be those that combine liquid crystal chemistry, polymerizable monomer design, precision formulation, optical testing, coating-process support and long-term customer qualification.

LP Information, Inc. (LPI) ' newest research report, the "Reactive Liquid Crystal Monomers Industry Forecast" looks at past sales and reviews total world Reactive Liquid Crystal Monomers sales in 2025, providing a comprehensive analysis by region and market sector of projected Reactive Liquid Crystal Monomers sales for 2026 through 2032. With Reactive Liquid Crystal Monomers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Reactive Liquid Crystal Monomers industry.

This Insight Report provides a comprehensive analysis of the global Reactive Liquid Crystal Monomers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Reactive Liquid Crystal Monomers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Reactive Liquid Crystal Monomers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Reactive Liquid Crystal Monomers and breaks down the forecast by Reactive Functionality, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Reactive Liquid Crystal Monomers.

This report presents a comprehensive overview, market shares, and growth opportunities of Reactive Liquid Crystal Monomers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Reactive Functionality:

Monofunctional RM

Bifunctional RM

Multifunctional RM

Segmentation by Optical Function:

- Retardation Control Materials
- Viewing-angle Compensation Materials
- Anti-reflection Functional Materials
- Polarization Control Materials
- Diffraction / Grating Optical Materials
- Smart / Tunable Optical Materials

Segmentation by Curing Mechanism:

- UV Free-radical Curing
- Thermal Free-radical Curing
- Cationic / Epoxy Curing
- Photodimerization / Photo-crosslinking
- Thiol-ene / Click-type Curing

Segmentation by Application:

- OLED / LCD Optical Compensation Films
- Anti-reflection / Circular Polarizer Films
- Polymer-stabilized LC / Alignment Control
- AR / VR / Diffraction Optics

LCE / Soft Actuator / Smart Materials R&D

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Merck KGaA

Shanghai PhiChem

Shijiazhuang Chengzhi Yonghua

XAGIC Technology

Synthon Chemicals GmbH & Co. KG

Dakenchem

Alfa Chemistry

Key Questions Addressed in this Report

What is the 10-year outlook for the global Reactive Liquid Crystal Monomers market?

What factors are driving Reactive Liquid Crystal Monomers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?
How do Reactive Liquid Crystal Monomers market opportunities vary by end market size?
How does Reactive Liquid Crystal Monomers break out by Reactive Functionality, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Reactive Liquid Crystal Monomers Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Reactive Liquid Crystal Monomers by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Reactive Liquid Crystal Monomers by Country/Region, 2021, 2025 & 2032
- 2.2 Reactive Liquid Crystal Monomers Segment by Reactive Functionality
 - 2.2.1 Monofunctional RM
 - 2.2.2 Bifunctional RM
 - 2.2.3 Multifunctional RM
 - 2.2.4 Reactive Liquid Crystal Monomers Sales by Reactive Functionality
 - 2.2.4.1 Global Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality (2021-2026)
 - 2.2.4.2 Global Reactive Liquid Crystal Monomers Revenue and Market Share by Reactive Functionality (2021-2026)
 - 2.2.4.3 Global Reactive Liquid Crystal Monomers Sale Price by Reactive Functionality (2021-2026)
- 2.3 Reactive Liquid Crystal Monomers Segment by Optical Function
 - 2.3.1 Retardation Control Materials
 - 2.3.2 Viewing-angle Compensation Materials
 - 2.3.3 Anti-reflection Functional Materials
 - 2.3.4 Polarization Control Materials
 - 2.3.5 Diffractive / Grating Optical Materials
 - 2.3.6 Smart / Tunable Optical Materials

2.3.7 Reactive Liquid Crystal Monomers Sales by Optical Function

2.3.7.1 Global Reactive Liquid Crystal Monomers Sales Market Share by Optical Function (2021-2026)

2.3.7.2 Global Reactive Liquid Crystal Monomers Revenue and Market Share by Optical Function (2021-2026)

2.3.7.3 Global Reactive Liquid Crystal Monomers Sale Price by Optical Function (2021-2026)

2.4 Reactive Liquid Crystal Monomers Segment by Curing Mechanism

2.4.1 UV Free-radical Curing

2.4.2 Thermal Free-radical Curing

2.4.3 Cationic / Epoxy Curing

2.4.4 Photodimerization / Photo-crosslinking

2.4.5 Thiol-ene / Click-type Curing

2.4.6 Reactive Liquid Crystal Monomers Sales by Curing Mechanism

2.4.6.1 Global Reactive Liquid Crystal Monomers Sales Market Share by Curing Mechanism (2021-2026)

2.4.6.2 Global Reactive Liquid Crystal Monomers Revenue and Market Share by Curing Mechanism (2021-2026)

2.4.6.3 Global Reactive Liquid Crystal Monomers Sale Price by Curing Mechanism (2021-2026)

2.5 Reactive Liquid Crystal Monomers Segment by Application

2.5.1 OLED / LCD Optical Compensation Films

2.5.2 Anti-reflection / Circular Polarizer Films

2.5.3 Polymer-stabilized LC / Alignment Control

2.5.4 AR / VR / Diffractive Optics

2.5.5 LCE / Soft Actuator / Smart Materials R&D

2.5.6 Reactive Liquid Crystal Monomers Sales by Application

2.5.6.1 Global Reactive Liquid Crystal Monomers Sale Market Share by Application (2021-2026)

2.5.6.2 Global Reactive Liquid Crystal Monomers Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global Reactive Liquid Crystal Monomers Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Reactive Liquid Crystal Monomers Breakdown Data by Company

3.1.1 Global Reactive Liquid Crystal Monomers Annual Sales by Company (2021-2026)

3.1.2 Global Reactive Liquid Crystal Monomers Sales Market Share by Company (2021-2026)

3.2 Global Reactive Liquid Crystal Monomers Annual Revenue by Company (2021-2026)

3.2.1 Global Reactive Liquid Crystal Monomers Revenue by Company (2021-2026)

3.2.2 Global Reactive Liquid Crystal Monomers Revenue Market Share by Company (2021-2026)

3.3 Global Reactive Liquid Crystal Monomers Sale Price by Company

3.4 Key Manufacturers Reactive Liquid Crystal Monomers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Reactive Liquid Crystal Monomers Product Location Distribution

3.4.2 Players Reactive Liquid Crystal Monomers Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR REACTIVE LIQUID CRYSTAL MONOMERS BY GEOGRAPHIC REGION

4.1 World Historic Reactive Liquid Crystal Monomers Market Size by Geographic Region (2021-2026)

4.1.1 Global Reactive Liquid Crystal Monomers Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Reactive Liquid Crystal Monomers Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Reactive Liquid Crystal Monomers Market Size by Country/Region (2021-2026)

4.2.1 Global Reactive Liquid Crystal Monomers Annual Sales by Country/Region (2021-2026)

4.2.2 Global Reactive Liquid Crystal Monomers Annual Revenue by Country/Region (2021-2026)

4.3 Americas Reactive Liquid Crystal Monomers Sales Growth

4.4 APAC Reactive Liquid Crystal Monomers Sales Growth

4.5 Europe Reactive Liquid Crystal Monomers Sales Growth

4.6 Middle East & Africa Reactive Liquid Crystal Monomers Sales Growth

5 AMERICAS

5.1 Americas Reactive Liquid Crystal Monomers Sales by Country

5.1.1 Americas Reactive Liquid Crystal Monomers Sales by Country (2021-2026)

5.1.2 Americas Reactive Liquid Crystal Monomers Revenue by Country (2021-2026)

5.2 Americas Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026)

5.3 Americas Reactive Liquid Crystal Monomers Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Reactive Liquid Crystal Monomers Sales by Region

6.1.1 APAC Reactive Liquid Crystal Monomers Sales by Region (2021-2026)

6.1.2 APAC Reactive Liquid Crystal Monomers Revenue by Region (2021-2026)

6.2 APAC Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026)

6.3 APAC Reactive Liquid Crystal Monomers Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Reactive Liquid Crystal Monomers by Country

7.1.1 Europe Reactive Liquid Crystal Monomers Sales by Country (2021-2026)

7.1.2 Europe Reactive Liquid Crystal Monomers Revenue by Country (2021-2026)

7.2 Europe Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026)

7.3 Europe Reactive Liquid Crystal Monomers Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Reactive Liquid Crystal Monomers by Country

8.1.1 Middle East & Africa Reactive Liquid Crystal Monomers Sales by Country
(2021-2026)

8.1.2 Middle East & Africa Reactive Liquid Crystal Monomers Revenue by Country
(2021-2026)

8.2 Middle East & Africa Reactive Liquid Crystal Monomers Sales by Reactive
Functionality (2021-2026)

8.3 Middle East & Africa Reactive Liquid Crystal Monomers Sales by Application
(2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Reactive Liquid Crystal Monomers

10.3 Manufacturing Process Analysis of Reactive Liquid Crystal Monomers

10.4 Industry Chain Structure of Reactive Liquid Crystal Monomers

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Reactive Liquid Crystal Monomers Distributors

11.3 Reactive Liquid Crystal Monomers Customer

12 WORLD FORECAST REVIEW FOR REACTIVE LIQUID CRYSTAL MONOMERS BY GEOGRAPHIC REGION

12.1 Global Reactive Liquid Crystal Monomers Market Size Forecast by Region

12.1.1 Global Reactive Liquid Crystal Monomers Forecast by Region (2027-2032)

12.1.2 Global Reactive Liquid Crystal Monomers Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Reactive Liquid Crystal Monomers Forecast by Reactive Functionality (2027-2032)

12.7 Global Reactive Liquid Crystal Monomers Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Merck KGaA

13.1.1 Merck KGaA Company Information

13.1.2 Merck KGaA Reactive Liquid Crystal Monomers Product Portfolios and Specifications

13.1.3 Merck KGaA Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Merck KGaA Main Business Overview

13.1.5 Merck KGaA Latest Developments

13.2 Shanghai PhiChem

13.2.1 Shanghai PhiChem Company Information

13.2.2 Shanghai PhiChem Reactive Liquid Crystal Monomers Product Portfolios and Specifications

13.2.3 Shanghai PhiChem Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Shanghai PhiChem Main Business Overview

13.2.5 Shanghai PhiChem Latest Developments

13.3 Shijiazhuang Chengzhi Yonghua

13.3.1 Shijiazhuang Chengzhi Yonghua Company Information

13.3.2 Shijiazhuang Chengzhi Yonghua Reactive Liquid Crystal Monomers Product

Portfolios and Specifications

13.3.3 Shijiazhuang Chengzhi Yonghua Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Shijiazhuang Chengzhi Yonghua Main Business Overview

13.3.5 Shijiazhuang Chengzhi Yonghua Latest Developments

13.4 XAGIC Technology

13.4.1 XAGIC Technology Company Information

13.4.2 XAGIC Technology Reactive Liquid Crystal Monomers Product Portfolios and Specifications

13.4.3 XAGIC Technology Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 XAGIC Technology Main Business Overview

13.4.5 XAGIC Technology Latest Developments

13.5 Synthon Chemicals GmbH & Co. KG

13.5.1 Synthon Chemicals GmbH & Co. KG Company Information

13.5.2 Synthon Chemicals GmbH & Co. KG Reactive Liquid Crystal Monomers Product Portfolios and Specifications

13.5.3 Synthon Chemicals GmbH & Co. KG Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Synthon Chemicals GmbH & Co. KG Main Business Overview

13.5.5 Synthon Chemicals GmbH & Co. KG Latest Developments

13.6 Dakenchem

13.6.1 Dakenchem Company Information

13.6.2 Dakenchem Reactive Liquid Crystal Monomers Product Portfolios and Specifications

13.6.3 Dakenchem Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Dakenchem Main Business Overview

13.6.5 Dakenchem Latest Developments

13.7 Alfa Chemistry

13.7.1 Alfa Chemistry Company Information

13.7.2 Alfa Chemistry Reactive Liquid Crystal Monomers Product Portfolios and Specifications

13.7.3 Alfa Chemistry Reactive Liquid Crystal Monomers Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Alfa Chemistry Main Business Overview

13.7.5 Alfa Chemistry Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Reactive Liquid Crystal Monomers Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Reactive Liquid Crystal Monomers Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Monofunctional RM

Table 4. Major Players of Bifunctional RM

Table 5. Major Players of Multifunctional RM

Table 6. Global Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026) & (Tons)

Table 7. Global Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality (2021-2026)

Table 8. Global Reactive Liquid Crystal Monomers Revenue by Reactive Functionality (2021-2026) & (\$ million)

Table 9. Global Reactive Liquid Crystal Monomers Revenue Market Share by Reactive Functionality (2021-2026)

Table 10. Global Reactive Liquid Crystal Monomers Sale Price by Reactive Functionality (2021-2026) & (US\$/Ton)

Table 11. Major Players of Retardation Control Materials

Table 12. Major Players of Viewing-angle Compensation Materials

Table 13. Major Players of Anti-reflection Functional Materials

Table 14. Major Players of Polarization Control Materials

Table 15. Major Players of Diffractive / Grating Optical Materials

Table 16. Major Players of Smart / Tunable Optical Materials

Table 17. Global Reactive Liquid Crystal Monomers Sales by Optical Function (2021-2026) & (Tons)

Table 18. Global Reactive Liquid Crystal Monomers Sales Market Share by Optical Function (2021-2026)

Table 19. Global Reactive Liquid Crystal Monomers Revenue by Optical Function (2021-2026) & (\$ million)

Table 20. Global Reactive Liquid Crystal Monomers Revenue Market Share by Optical Function (2021-2026)

Table 21. Global Reactive Liquid Crystal Monomers Sale Price by Optical Function (2021-2026) & (US\$/Ton)

Table 22. Major Players of UV Free-radical Curing

Table 23. Major Players of Thermal Free-radical Curing

Table 24. Major Players of Cationic / Epoxy Curing

Table 25. Major Players of Photodimerization / Photo-crosslinking

Table 26. Major Players of Thiol-ene / Click-type Curing

Table 27. Global Reactive Liquid Crystal Monomers Sales by Curing Mechanism (2021-2026) & (Tons)

Table 28. Global Reactive Liquid Crystal Monomers Sales Market Share by Curing Mechanism (2021-2026)

Table 29. Global Reactive Liquid Crystal Monomers Revenue by Curing Mechanism (2021-2026) & (\$ million)

Table 30. Global Reactive Liquid Crystal Monomers Revenue Market Share by Curing Mechanism (2021-2026)

Table 31. Global Reactive Liquid Crystal Monomers Sale Price by Curing Mechanism (2021-2026) & (US\$/Ton)

Table 32. Global Reactive Liquid Crystal Monomers Sale by Application (2021-2026) & (Tons)

Table 33. Global Reactive Liquid Crystal Monomers Sale Market Share by Application (2021-2026)

Table 34. Global Reactive Liquid Crystal Monomers Revenue by Application (2021-2026) & (\$ million)

Table 35. Global Reactive Liquid Crystal Monomers Revenue Market Share by Application (2021-2026)

Table 36. Global Reactive Liquid Crystal Monomers Sale Price by Application (2021-2026) & (US\$/Ton)

Table 37. Global Reactive Liquid Crystal Monomers Sales by Company (2021-2026) & (Tons)

Table 38. Global Reactive Liquid Crystal Monomers Sales Market Share by Company (2021-2026)

Table 39. Global Reactive Liquid Crystal Monomers Revenue by Company (2021-2026) & (\$ millions)

Table 40. Global Reactive Liquid Crystal Monomers Revenue Market Share by Company (2021-2026)

Table 41. Global Reactive Liquid Crystal Monomers Sale Price by Company (2021-2026) & (US\$/Ton)

Table 42. Key Manufacturers Reactive Liquid Crystal Monomers Producing Area Distribution and Sales Area

Table 43. Players Reactive Liquid Crystal Monomers Products Offered

Table 44. Reactive Liquid Crystal Monomers Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 45. New Products and Potential Entrants

Table 46. Market M&A Activity & Strategy

Table 47. Global Reactive Liquid Crystal Monomers Sales by Geographic Region (2021-2026) & (Tons)

Table 48. Global Reactive Liquid Crystal Monomers Sales Market Share Geographic Region (2021-2026)

Table 49. Global Reactive Liquid Crystal Monomers Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 50. Global Reactive Liquid Crystal Monomers Revenue Market Share by Geographic Region (2021-2026)

Table 51. Global Reactive Liquid Crystal Monomers Sales by Country/Region (2021-2026) & (Tons)

Table 52. Global Reactive Liquid Crystal Monomers Sales Market Share by Country/Region (2021-2026)

Table 53. Global Reactive Liquid Crystal Monomers Revenue by Country/Region (2021-2026) & (\$ millions)

Table 54. Global Reactive Liquid Crystal Monomers Revenue Market Share by Country/Region (2021-2026)

Table 55. Americas Reactive Liquid Crystal Monomers Sales by Country (2021-2026) & (Tons)

Table 56. Americas Reactive Liquid Crystal Monomers Sales Market Share by Country (2021-2026)

Table 57. Americas Reactive Liquid Crystal Monomers Revenue by Country (2021-2026) & (\$ millions)

Table 58. Americas Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026) & (Tons)

Table 59. Americas Reactive Liquid Crystal Monomers Sales by Application (2021-2026) & (Tons)

Table 60. APAC Reactive Liquid Crystal Monomers Sales by Region (2021-2026) & (Tons)

Table 61. APAC Reactive Liquid Crystal Monomers Sales Market Share by Region (2021-2026)

Table 62. APAC Reactive Liquid Crystal Monomers Revenue by Region (2021-2026) & (\$ millions)

Table 63. APAC Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026) & (Tons)

Table 64. APAC Reactive Liquid Crystal Monomers Sales by Application (2021-2026) & (Tons)

Table 65. Europe Reactive Liquid Crystal Monomers Sales by Country (2021-2026) & (Tons)

Table 66. Europe Reactive Liquid Crystal Monomers Revenue by Country (2021-2026) & (\$ millions)

Table 67. Europe Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026) & (Tons)

Table 68. Europe Reactive Liquid Crystal Monomers Sales by Application (2021-2026) & (Tons)

Table 69. Middle East & Africa Reactive Liquid Crystal Monomers Sales by Country (2021-2026) & (Tons)

Table 70. Middle East & Africa Reactive Liquid Crystal Monomers Revenue Market Share by Country (2021-2026)

Table 71. Middle East & Africa Reactive Liquid Crystal Monomers Sales by Reactive Functionality (2021-2026) & (Tons)

Table 72. Middle East & Africa Reactive Liquid Crystal Monomers Sales by Application (2021-2026) & (Tons)

Table 73. Key Market Drivers & Growth Opportunities of Reactive Liquid Crystal Monomers

Table 74. Key Market Challenges & Risks of Reactive Liquid Crystal Monomers

Table 75. Key Industry Trends of Reactive Liquid Crystal Monomers

Table 76. Reactive Liquid Crystal Monomers Raw Material

Table 77. Key Suppliers of Raw Materials

Table 78. Reactive Liquid Crystal Monomers Distributors List

Table 79. Reactive Liquid Crystal Monomers Customer List

Table 80. Global Reactive Liquid Crystal Monomers Sales Forecast by Region (2027-2032) & (Tons)

Table 81. Global Reactive Liquid Crystal Monomers Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 82. Americas Reactive Liquid Crystal Monomers Sales Forecast by Country (2027-2032) & (Tons)

Table 83. Americas Reactive Liquid Crystal Monomers Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. APAC Reactive Liquid Crystal Monomers Sales Forecast by Region (2027-2032) & (Tons)

Table 85. APAC Reactive Liquid Crystal Monomers Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 86. Europe Reactive Liquid Crystal Monomers Sales Forecast by Country (2027-2032) & (Tons)

Table 87. Europe Reactive Liquid Crystal Monomers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 88. Middle East & Africa Reactive Liquid Crystal Monomers Sales Forecast by

Country (2027-2032) & (Tons)

Table 89. Middle East & Africa Reactive Liquid Crystal Monomers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 90. Global Reactive Liquid Crystal Monomers Sales Forecast by Reactive Functionality (2027-2032) & (Tons)

Table 91. Global Reactive Liquid Crystal Monomers Revenue Forecast by Reactive Functionality (2027-2032) & (\$ millions)

Table 92. Global Reactive Liquid Crystal Monomers Sales Forecast by Application (2027-2032) & (Tons)

Table 93. Global Reactive Liquid Crystal Monomers Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 94. Merck KGaA Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 95. Merck KGaA Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 96. Merck KGaA Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 97. Merck KGaA Main Business

Table 98. Merck KGaA Latest Developments

Table 99. Shanghai PhiChem Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 100. Shanghai PhiChem Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 101. Shanghai PhiChem Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 102. Shanghai PhiChem Main Business

Table 103. Shanghai PhiChem Latest Developments

Table 104. Shijiazhuang Chengzhi Yonghua Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 105. Shijiazhuang Chengzhi Yonghua Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 106. Shijiazhuang Chengzhi Yonghua Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 107. Shijiazhuang Chengzhi Yonghua Main Business

Table 108. Shijiazhuang Chengzhi Yonghua Latest Developments

Table 109. XAGIC Technology Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 110. XAGIC Technology Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 111. XAGIC Technology Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 112. XAGIC Technology Main Business

Table 113. XAGIC Technology Latest Developments

Table 114. Synthon Chemicals GmbH & Co. KG Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 115. Synthon Chemicals GmbH & Co. KG Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 116. Synthon Chemicals GmbH & Co. KG Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 117. Synthon Chemicals GmbH & Co. KG Main Business

Table 118. Synthon Chemicals GmbH & Co. KG Latest Developments

Table 119. Dakenchem Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 120. Dakenchem Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 121. Dakenchem Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 122. Dakenchem Main Business

Table 123. Dakenchem Latest Developments

Table 124. Alfa Chemistry Basic Information, Reactive Liquid Crystal Monomers Manufacturing Base, Sales Area and Its Competitors

Table 125. Alfa Chemistry Reactive Liquid Crystal Monomers Product Portfolios and Specifications

Table 126. Alfa Chemistry Reactive Liquid Crystal Monomers Sales (Tons), Revenue (\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)

Table 127. Alfa Chemistry Main Business

Table 128. Alfa Chemistry Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Reactive Liquid Crystal Monomers
- Figure 2. Reactive Liquid Crystal Monomers Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Reactive Liquid Crystal Monomers Sales Growth Rate 2021-2032 (Tons)
- Figure 7. Global Reactive Liquid Crystal Monomers Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Reactive Liquid Crystal Monomers Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Reactive Liquid Crystal Monomers Sales Market Share by Country/Region (2025)
- Figure 10. Reactive Liquid Crystal Monomers Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Monofunctional RM
- Figure 12. Product Picture of Bifunctional RM
- Figure 13. Product Picture of Multifunctional RM
- Figure 14. Global Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality in 2026
- Figure 15. Global Reactive Liquid Crystal Monomers Revenue Market Share by Reactive Functionality (2021-2026)
- Figure 16. Product Picture of Retardation Control Materials
- Figure 17. Product Picture of Viewing-angle Compensation Materials
- Figure 18. Product Picture of Anti-reflection Functional Materials
- Figure 19. Product Picture of Polarization Control Materials
- Figure 20. Product Picture of Diffractive / Grating Optical Materials
- Figure 21. Product Picture of Smart / Tunable Optical Materials
- Figure 22. Global Reactive Liquid Crystal Monomers Sales Market Share by Optical Function in 2026
- Figure 23. Global Reactive Liquid Crystal Monomers Revenue Market Share by Optical Function (2021-2026)
- Figure 24. Product Picture of UV Free-radical Curing
- Figure 25. Product Picture of Thermal Free-radical Curing
- Figure 26. Product Picture of Cationic / Epoxy Curing

Figure 27. Product Picture of Photodimerization / Photo-crosslinking

Figure 28. Product Picture of Thiol-ene / Click-type Curing

Figure 29. Global Reactive Liquid Crystal Monomers Sales Market Share by Curing Mechanism in 2026

Figure 30. Global Reactive Liquid Crystal Monomers Revenue Market Share by Curing Mechanism (2021-2026)

Figure 31. Reactive Liquid Crystal Monomers Consumed in OLED / LCD Optical Compensation Films

Figure 32. Global Reactive Liquid Crystal Monomers Market: OLED / LCD Optical Compensation Films (2021-2026) & (Tons)

Figure 33. Reactive Liquid Crystal Monomers Consumed in Anti-reflection / Circular Polarizer Films

Figure 34. Global Reactive Liquid Crystal Monomers Market: Anti-reflection / Circular Polarizer Films (2021-2026) & (Tons)

Figure 35. Reactive Liquid Crystal Monomers Consumed in Polymer-stabilized LC / Alignment Control

Figure 36. Global Reactive Liquid Crystal Monomers Market: Polymer-stabilized LC / Alignment Control (2021-2026) & (Tons)

Figure 37. Reactive Liquid Crystal Monomers Consumed in AR / VR / Diffractive Optics

Figure 38. Global Reactive Liquid Crystal Monomers Market: AR / VR / Diffractive Optics (2021-2026) & (Tons)

Figure 39. Reactive Liquid Crystal Monomers Consumed in LCE / Soft Actuator / Smart Materials R&D

Figure 40. Global Reactive Liquid Crystal Monomers Market: LCE / Soft Actuator / Smart Materials R&D (2021-2026) & (Tons)

Figure 41. Global Reactive Liquid Crystal Monomers Sale Market Share by Application (2025)

Figure 42. Global Reactive Liquid Crystal Monomers Revenue Market Share by Application in 2025

Figure 43. Reactive Liquid Crystal Monomers Sales by Company in 2025 (Tons)

Figure 44. Global Reactive Liquid Crystal Monomers Sales Market Share by Company in 2025

Figure 45. Reactive Liquid Crystal Monomers Revenue by Company in 2025 (\$ millions)

Figure 46. Global Reactive Liquid Crystal Monomers Revenue Market Share by Company in 2025

Figure 47. Global Reactive Liquid Crystal Monomers Sales Market Share by Geographic Region (2021-2026)

Figure 48. Global Reactive Liquid Crystal Monomers Revenue Market Share by Geographic Region in 2025

- Figure 49. Americas Reactive Liquid Crystal Monomers Sales 2021-2026 (Tons)
- Figure 50. Americas Reactive Liquid Crystal Monomers Revenue 2021-2026 (\$ millions)
- Figure 51. APAC Reactive Liquid Crystal Monomers Sales 2021-2026 (Tons)
- Figure 52. APAC Reactive Liquid Crystal Monomers Revenue 2021-2026 (\$ millions)
- Figure 53. Europe Reactive Liquid Crystal Monomers Sales 2021-2026 (Tons)
- Figure 54. Europe Reactive Liquid Crystal Monomers Revenue 2021-2026 (\$ millions)
- Figure 55. Middle East & Africa Reactive Liquid Crystal Monomers Sales 2021-2026 (Tons)
- Figure 56. Middle East & Africa Reactive Liquid Crystal Monomers Revenue 2021-2026 (\$ millions)
- Figure 57. Americas Reactive Liquid Crystal Monomers Sales Market Share by Country in 2025
- Figure 58. Americas Reactive Liquid Crystal Monomers Revenue Market Share by Country (2021-2026)
- Figure 59. Americas Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality (2021-2026)
- Figure 60. Americas Reactive Liquid Crystal Monomers Sales Market Share by Application (2021-2026)
- Figure 61. United States Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)
- Figure 62. Canada Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)
- Figure 63. Mexico Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)
- Figure 64. Brazil Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)
- Figure 65. APAC Reactive Liquid Crystal Monomers Sales Market Share by Region in 2025
- Figure 66. APAC Reactive Liquid Crystal Monomers Revenue Market Share by Region (2021-2026)
- Figure 67. APAC Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality (2021-2026)
- Figure 68. APAC Reactive Liquid Crystal Monomers Sales Market Share by Application (2021-2026)
- Figure 69. China Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)
- Figure 70. Japan Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)
- Figure 71. South Korea Reactive Liquid Crystal Monomers Revenue Growth 2021-2026

(\$ millions)

Figure 72. Southeast Asia Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 73. India Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 74. Australia Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 75. China Taiwan Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 76. Europe Reactive Liquid Crystal Monomers Sales Market Share by Country in 2025

Figure 77. Europe Reactive Liquid Crystal Monomers Revenue Market Share by Country (2021-2026)

Figure 78. Europe Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality (2021-2026)

Figure 79. Europe Reactive Liquid Crystal Monomers Sales Market Share by Application (2021-2026)

Figure 80. Germany Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 81. France Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 82. UK Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 83. Italy Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 84. Russia Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 85. Middle East & Africa Reactive Liquid Crystal Monomers Sales Market Share by Country (2021-2026)

Figure 86. Middle East & Africa Reactive Liquid Crystal Monomers Sales Market Share by Reactive Functionality (2021-2026)

Figure 87. Middle East & Africa Reactive Liquid Crystal Monomers Sales Market Share by Application (2021-2026)

Figure 88. Egypt Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 89. South Africa Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 90. Israel Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 91. Turkey Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 92. GCC Countries Reactive Liquid Crystal Monomers Revenue Growth 2021-2026 (\$ millions)

Figure 93. Manufacturing Cost Structure Analysis of Reactive Liquid Crystal Monomers in 2026

Figure 94. Manufacturing Process Analysis of Reactive Liquid Crystal Monomers

Figure 95. Industry Chain Structure of Reactive Liquid Crystal Monomers

Figure 96. Channels of Distribution

Figure 97. Global Reactive Liquid Crystal Monomers Sales Market Forecast by Region (2027-2032)

Figure 98. Global Reactive Liquid Crystal Monomers Revenue Market Share Forecast by Region (2027-2032)

Figure 99. Global Reactive Liquid Crystal Monomers Sales Market Share Forecast by Reactive Functionality (2027-2032)

Figure 100. Global Reactive Liquid Crystal Monomers Revenue Market Share Forecast by Reactive Functionality (2027-2032)

Figure 101. Global Reactive Liquid Crystal Monomers Sales Market Share Forecast by Application (2027-2032)

Figure 102. Global Reactive Liquid Crystal Monomers Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Reactive Liquid Crystal Monomers Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G6F23DE31EBCEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6F23DE31EBCEN.html>